

Complete if Known

Application Number	10/619,635
Filing Date	July 15, 2003
First Named Inventor	Kea Park
Group Art Unit	2848 2824
Examiner Name	Vu Anh Le
Attorney Docket Number	5646-91XX

5646-91XX

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
<i>gm</i>	1.	6,775,168	B1	Park et al.	08-10-2004
<i>sw</i>	2.	6,477,615	B1	Tanaka	11-05-2002
.					
.					
.					

[illegible][illegible]

111004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	D1	of	D1
-------	----	----	----

Application Number	10/619,635
Filing Date	July 15, 2008
List Named Inventor	Kee Park
Group Art Unit	2818 28
Examiner Name	
Attorney Docket Number	5646-91XX

U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
9u	1.	US-6,741,253	B1	Radke et al.	05-25-2004
	2.	US-6,728,124	B1	Ichiru et al.	04-27-2004
	3.	US-6,707,693	B1	Ichiru et al.	03-16-2004
	4.	US-6,700,827	B2	Lien et al.	03-02-2004
	5.	US-6,564,754	B1	Lien et al.	05-13-2003
	6.	US-6,137,707		Srinivasan et al.	10-24-2000
	7.	US-5,796,671		Wahlstrom	08-18-1998
	8.	US-5,455,834		Chang et al.	10-03-1995
	9.	US-5,319,589		Yamagata et al.	06-07-1994
9u	10.	US-4,991,136		Mihara	02-05-1991

[illegible][illegible]

Vu Le


11/10/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Content Addressable Memory (CAM) Devices with Dual-Function Check Bit Cells that Support Column Redundancy and Check Bit Cells with Reduced Susceptibility to Soft Errors																																												
<p>Application Number: 10/619635 </p> <p>Confirmation Number: 1230</p> <p>First Named Applicant: Kee Park</p> <p>Attorney Docket Number: 5646-91XX</p> <p>Art Unit: 2818</p> <p>Search string: (6700810 or 6690595 or 6618281 or 6597595).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>Gu</td><td>1</td><td>6700810</td><td>2004-03-02</td><td>Chiriu et a.</td><td>B1</td><td>365</td><td>49</td></tr><tr><td>Gu</td><td>2</td><td>6690595</td><td>2004-02-10</td><td>Srinivasan et al.</td><td>B1</td><td>365</td><td>49</td></tr><tr><td>Gu</td><td>3</td><td>6618281</td><td>2003-09-09</td><td>Gordon</td><td>B1</td><td>365</td><td>49</td></tr><tr><td>Gu</td><td>4</td><td>6597595</td><td>2003-07-22</td><td>Ichiriu et al.</td><td>B1</td><td>365</td><td>49</td></tr></tbody></table> <p>Signature</p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td>Vule</td><td>11/19/04</td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	Gu	1	6700810	2004-03-02	Chiriu et a.	B1	365	49	Gu	2	6690595	2004-02-10	Srinivasan et al.	B1	365	49	Gu	3	6618281	2003-09-09	Gordon	B1	365	49	Gu	4	6597595	2003-07-22	Ichiriu et al.	B1	365	49	Examiner Name	Date	Vule	11/19/04
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																						
Gu	1	6700810	2004-03-02	Chiriu et a.	B1	365	49																																						
Gu	2	6690595	2004-02-10	Srinivasan et al.	B1	365	49																																						
Gu	3	6618281	2003-09-09	Gordon	B1	365	49																																						
Gu	4	6597595	2003-07-22	Ichiriu et al.	B1	365	49																																						
Examiner Name	Date																																												
Vule	11/19/04																																												

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
5646-91XX

Serial No.
10/619,635

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Kee Park et al.

Filing Date: July 15, 2003

Group
2824

U. S. PATENTS & PATENT APPLICATION PUBLICATIONS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>ju</i>	1.	6,597,595	07/22/03	Ichiriu et al.	365	49	
	2.	6,421,265	07/02	Lien et al.	365	49	
	3.	6,362,990	03/26/02	Gibson et al.	365	49	
	4.	6,243,281	06/05/01	Pereira	365	49	
	5.	6,199,140	03/06/01	Srinivasan et al.	711	108	
	6.	6,154,384	11/28/00	Nataraj et al.	365	49	
	7.	5,872,802	02/16/99	Knaack et al.	371	49.1	
	8.	5,796,758	08/18/98	Levitan	371	49.1	
	9.	5,724,296	03/98	Jang	—	—	
	10.	5,642,320	06/97	Jang	365	222	
	11.	5,572,460	11/96	Lien	—	—	
	12.	5,561,429	10/96	Halberstam et al.	—	—	
	13.	5,491,703	02/13/96	Barnaby et al.	371	40.1	
	14.	5,184,325	02/93	Lipovski	365	222	
	15.	4,791,606	12/88	Threewitt et al.	—	—	
	16.	4,779,226	10/88	Haraszti	—	—	
	17.	4,747,080	05/24/88	Yamada	365	200	
	18.	4,112,502	09/05/78	Scheuneman	364	900	
	19.	3,665,422	05/1972	McCoy et al.	365	222	
<i>ju</i>	20.	2002/0075714	06/20/02	Pereira et al.	365	49	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ju</i>	21.	SiberCore Technologies, Soft Error in TCAMS: Causes and Cures, July 2003, 5 pages
-----------	-----	---

EXAMINER

*EXAMINER

DATE CONSIDERED

11/19/04

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5646-91XX		Serial No. To Be Assigned 10/6/96 JS	
				Applicants: Kee Park et al.			
				Filing Date: Concurrently Herewith		Group 2824	
U. S. PATENTS & PATENT APPLICATION PUBLICATIONS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
94	1	6,563,754	5-13-03	Lien et al.	365	222	
	2	6,560,156	5-6-03	Lien et al.	365	222	
	3	6,542,391	4-1-03	Pereira et al.	365	49	
	4	6,538,911	3-25-03	Allan et al.	365	49	
	5	6,434,033	08/13/02	Chien	—	—	
	6	6,430,073	8-6-02	Batson et al.	365	49	
	7	6,408,417	06/18/02	Moudgal et al.	—	—	
	8	6,397,290	05/28/02	Williams et al.	—	—	
	9	6,381,191	04/30/02	Ooishi	—	—	
	10	6,374,325	04/16/02	Simpson et al.	—	—	
	11	6,324,087	11-27-01	Pereira	365	49	
	12	6,289,471	09/11/01	Gordon	—	—	
	13	6,233,717	05/15/01	Choi	—	—	
	14	6,219,815	04/17/01	DesJardins et al.	—	—	
	15	6,216,246	04/10/01	Shau	—	—	
	16	6,188,629	02/13/01	Kaplinsky	—	—	
	17	6,151,247	11/21/00	Estakhri et al.	—	—	
	18	6,134,631	10/17/00	Jennings, III	—	—	
	19	6,067,656	5-23-00	Rusu et al.	714	768	
	20	6,058,500	05/02/00	DesJardins et al.	—	—	
	21	6,032,214	02/29/00	Farmwald et al.	—	—	
	22	6,009,548	12/28/99	Chen et al.	—	—	
	23	5,761,222	06/02/98	Baldi	—	—	
	24	5,727,003	03/10/98	Zook	—	—	
	25	5,699,369	12/16/97	Guha	—	—	
94	26	5,682,394	10/28/97	Blake et al.	—	—	

EXAMINER

DATE CONSIDERED

in accordance with MPEP 609: draw line through citation if not in

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5646-91XX		Serial No. To Be Assigned 10619635	
				Applicants: Kee Park et al.			
				Filing Date: Concurrently Herewith			Group 2824
gu	27	5,644,583	07/01/97	Garcia et al.	—	—	
	28	5,629,950	05/13/97	Godiwala et al.	—	—	
	29	5,604,753	02/18/97	Bauer et al.	—	—	
	30	5,570,377	10/29/96	Merino Gonzalez et al.	—	—	
	31	5,469,450	11/21/95	Cho et al.	—	—	
	32	5,450,424	09/12/95	Okugaki et al.	—	—	
	33	5,233,614	08/03/93	Singh	—	—	
	34	5,127,014	06/30/92	Raynham	—	—	
	35	4,958,352	09/18/90	Noguchi et al.	—	—	
	36	4,903,268	02/20/90	Hidaka et al.	—	—	
	37	2003/0081464	5-1-03	Vlasenko	365	200	
	38	2003/0074630	4-17-03	Batson et al.	714	805	
	39	2003/0007408	01/09/003	Lien et al.	365	222	
	40	2002/0159320	10/31/02	Lien et al.	—	—	
gu	41	2002/0067632	06/06/02	Batson et al.	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
gu	42	Halsall, Fred, "Data Communications, Computer Networks and OSI," Second Edition, 11 pages, No Date					
gu	43	Fourouzan, Behrouz, "Introduction to Telecommunications and Networking," Chapter 8, pp. 194-226, No Date					
gu	44	Kalter et al., "A 50-ns 16-Mb DRAM with a 10-ns Data Rate and On-Chip ECC," IEEE Journal of Solid-State Circuits, Vol. 25, No. 5, October 1990, pp. 1118-1127					

EXAMINER

Vu le

DATE CONSIDERED

11/19/04

In accordance with MPEP 609: draw line through citation if not in